International Conference on Digital Health Technologies  
(ICDHT 2019)  
Hammamet, Tunisia  
December 09-11, 2019

Oral Sessions (15-minutes presentation + 5-minutes discussion for each paper)

Monday 9 December 2019 (15:40 – 17:20)

Oral Session 1: Medical Imaging (MI)
Chair: Pr Hadj BATATIA

Asma Ammari, Ramzi Mahmoudi, Badii Hmida, Rachida Saouli and Mohamed Hédi Bedoui. Accuracy Assessment of Cardiac Segmentation Tool Over Right Ventricle Short-axis Slices.

Hajer Ayadi and Mouna Torjmen. An Efficient Medical Image Retrieval based on Medical-Dependent Features.

Khouloud Boukhsri, Ramzi Mahmoudi, Badii Hmida and Mohamed Hedi Bedoui. Accurate left ventricular segmentation towards 3D visualization.


Rahma Kadri, Mohamed Tmar and Bassem Bouaziz. Brain image processing using deep learning: an overview.

Tuesday 10 December 2019 (15:10 – 16:50)

Oral Session 3: Artificial Intelligence in E-health (AIE)
Chair: Pr Anita HÖKELMANN


Mahbouba Hattab, Ahmed Maalel and Henda Hajjami Ben Ghzala. Towards an oversampling method to improve Hepatocellular carcinoma early prediction.

Yessrine Abichou, Siwar Chaabene and Lotfi Chaari. A sleep monitoring method with EEG signals.


Oral Session 4: Semantic Data Analysis for E-health (SDAE)
Chair: Pr Faiez GARGOURI

Nesrine Ksentini, Mohamed Tmar and Faiez Gargouri. Interactive Data Visualization for eHealth Retrieval System.

Fatma Ghorbel, Wafa Walli, Elisabeth MÉtains, Faïçal Hamdi and Bilel Gargouri. A Smart Search Functionality for a Memory Prosthesis: A Semantic Similarity-Based Approach.


Fatma Ghorbel, Nassira Achich, Faïçal Hamdi, Elisabeth Metais and Faiez Gargouri. Representing, Reasoning about and Querying Temporal Data in Semantic Web: an Overview.